

Converting Colors

$Yxy(61.9324, 0.2280, 0.3356)$

Have a look what the booklet for
Yxy(61.9324, 0.2280, 0.3356)
contains.

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Color

Yxy(62.1821, 0.2283, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	19E6E0
RGB	25, 230, 224
RGB Percent	10%, 90%, 88%
CMY	0.9020, 0.0980, 0.1216
CMYK	0.89, 0.00, 0.03, 0.10
HSL	178°, 80%, 50%
HSV	178°, 89%, 90%
XYZ	42.1502, 62.1821, 80.2939
YIQ	168.0210, -120.2540, -45.3260

Conversions

Conversions Part 2

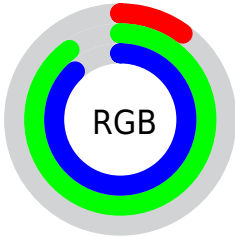
Format	Color
R_{YB}	25, 129, 230
Decimal	1697504
CIE _{Lab}	83.01, -45.48, -9.98
CIE _{LCh}	83, 46.560, 192.383
Yxy	62.1821, 0.2283, 0.3368
Android (android.graphics.Color)	4279887584 (0xFF19E6E0)
YUV	168.0210, 27.5976, -125.4294
Hunter-Lab	78.8556, -42.5850, -5.1725

Details

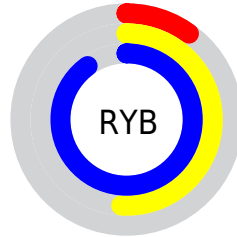
The Yxy color **62.1821, 0.2283, 0.3368** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **17.6172, 0.6177, 0.3275**, and the grayscale version is **39.0727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5916, 0.2440, 0.3288**, and **33.1367, 0.2271, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **61.9542, 0.2272, 0.3377**, and if you desaturate by 10%, it is **62.6426, 0.2309, 0.3358**.

Distribution



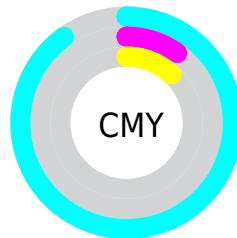
- Red (10%)
- Green (90%)
- Blue (88%)



- Red (10%)
- Yellow (51%)
- Blue (90%)



- Cyan (89%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)





- Cyan (90%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1821, 0.2283, 0.3368 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 62.1821, 0.2283, 0.3368 by changing the saturation by 10% instead.


 62.1821, 0.2283,
0.3368


 62.1821, 0.2283,
0.3368


432.5950, 0.2674,
0.3342


 45.1799, 0.2194,
0.3371


 107.9887, 0.2418,
0.3361


 31.5991, 0.2086,
0.3373


 137.5618, 0.2471,
0.3358

 21.0555, 0.1949,
0.3373


 172.0940, 0.2516,
0.3355

 13.1646, 0.1773,
0.3369

 211.9697, 0.2556,
0.3352

 7.5420, 0.1540,
0.3354

 257.5732, 0.2591,
0.3349

 3.8033, 0.1223,
0.3313

309.2890, 0.2622,

 1.5641, 0.0543,

0.3347

367.5015, 0.2649,
0.3344

0.3284

0.3332, 0.0000,
0.2385

0.0000, 0.0000,
0.0000

62.1821, 0.2283,
0.3368

62.1821, 0.2283,
0.3368

61.9542, 0.2272,
0.3377

62.6426, 0.2309,
0.3358

61.9383, 0.2272,
0.3378

63.3904, 0.2353,
0.3349

64.4672, 0.2416,
0.3339

65.9063, 0.2499,
0.3330

67.7369, 0.2600,
0.3321

69.9851, 0.2717,
0.3312

72.6750, 0.2848,
0.3304

75.8286, 0.2990,
0.3296

79.4667, 0.3140,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.1821, 0.2708, 0.3961



62.1821, 0.2283, 0.3368



62.1821, 0.2084, 0.2821

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.1821, 0.2283, 0.3368



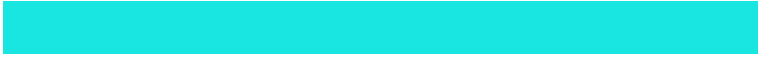
62.1821, 0.2893, 0.2460



62.1821, 0.4209, 0.4018

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.1821, 0.2283, 0.3368



17.6172, 0.6177, 0.3275

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.1821, 0.4297, 0.3583



62.1821, 0.2283, 0.3368



62.1821, 0.3494, 0.2732

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.1821, 0.2283, 0.3368



62.1821, 0.2408, 0.2364



62.1821, 0.4029, 0.3128



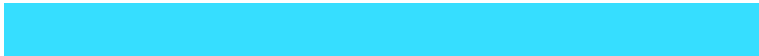
62.1821, 0.3824, 0.4319

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.1821, 0.2283, 0.3368



62.1821, 0.2087, 0.2566



62.1821, 0.4029, 0.3128



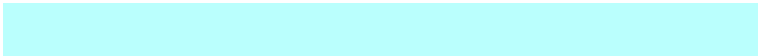
62.1821, 0.4277, 0.3881

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62.1844, 0.2283, 0.3368



89.0685, 0.2742, 0.3310



56.9709, 0.3014, 0.5909



18.8342, 0.2699, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.1844, 0.2283, 0.3368



78.2675, 0.2272, 0.3379



23.0606, 0.1869, 0.1854



16.3287, 0.2986, 0.3297



35.0675, 0.2271, 0.3377



2.5937, 0.2268, 0.3363

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.6172, 0.6177, 0.3275



21.2764, 0.6380, 0.3288



30.4859, 0.5294, 0.4075



14.3748, 0.3288, 0.3284



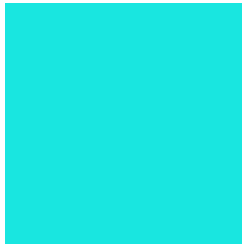
9.5357, 0.6368, 0.3282



0.7071, 0.6278, 0.3232

Previews

White Background



This preview shows how the Yxy color 62.1821, 0.2283, 0.3368 looks on a white background.

Color Contrast Check

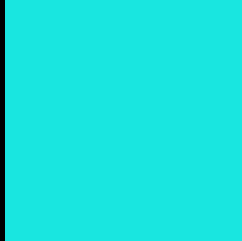
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 62.1821, 0.2283, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

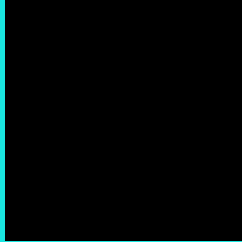
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

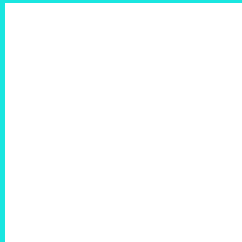
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1821, 0.2283, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 62.1821, 0.2283, 0.3368.

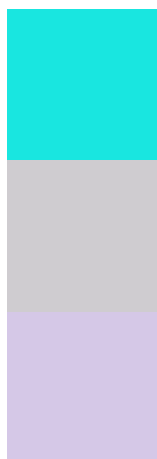


This preview shows how white text looks on a background with the Yxy color 62.1821, 0.2283, 0.3368.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

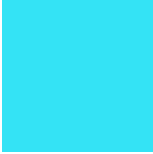
62.1821, 0.2283, 0.3368

Protanopia

61.0052, 0.3122, 0.3244

Deuteranopia

61.2242, 0.3008, 0.2945



Tritanopia

62.2608, 0.2228, 0.3057

Trichromacy



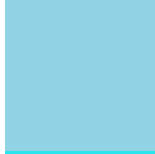
Original Color

62.1821, 0.2283, 0.3368



Protanomaly

58.1063, 0.2645, 0.3276



Deuteranomaly

58.2097, 0.2588, 0.3076



Tritanomaly

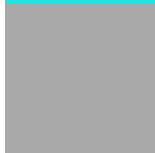
62.0935, 0.2246, 0.3170

Monochromacy



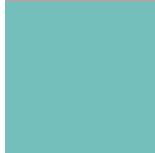
Original Color

62.1821, 0.2283, 0.3368



Achromatopsia

39.1572, 0.3127, 0.3290



Achromatomaly

44.6054, 0.2608, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1821, 0.2283, 0.3368 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(25, 230, 224)` looks like.

```
.text, #text, p{  
    color:rgb(25, 230, 224)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(25, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 230, 224) }
```

Border

The CSS property to change the border of an element to Yxy 62.1821, 0.2283, 0.3368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(25, 230, 224) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(25, 230, 224) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(25, 230, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(25, 230,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1821, 0.2283, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 230, 224) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(25, 230,  
224) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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